

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) An apparatus comprising:

a first video monitor;

a second video monitor;

a vehicle interface for receiving a plurality of control signals from a vehicle;

a plurality of motion sensors mounted around the vehicle that provide

input to a vehicle interface;

a plurality of video cameras that each provide a video output; and

a video switching mechanism coupled to the first video monitor, the second video monitor, the vehicle interface, and the plurality of video cameras, the video switching mechanism comprising:

a first monitor source selector that determines which video output of the plurality of video cameras to display on the first video monitor; and

a second monitor source selector that determines which video output of the plurality of video cameras to simultaneously display on the second video monitor in a different location from and independent of the video output displayed on the first video monitor;

the apparatus further comprising a user interface that allows a user to

control the video switching mechanism to specify at least one default video output of the video cameras for display on at least one of the monitors when no control signals are active on the vehicle interface.

2. (cancelled)

3. (original) The apparatus of claim 1 wherein the first monitor source selector displays on the first video monitor a video output of a video camera disposed to provide a view of the left side of the vehicle in response to a left turn signal on the vehicle being activated on the vehicle interface.

4. (original) The apparatus of claim 1 wherein the first monitor source selector displays on the first video monitor a video output of a video camera disposed to provide a view of the right side of the vehicle in response to a right turn signal on the vehicle being activated on the vehicle interface.

5. (original) The apparatus of claim 1 wherein the first monitor source selector displays on the first video monitor a video output of a video camera disposed to provide a rear view of the vehicle in response to a signal on the vehicle being activated on the vehicle interface that indicates that the vehicle is in reverse.

6. (original) The apparatus of claim 1 wherein the video switching mechanism displays on the first video monitor a graphical view indicator that indicates which video output is currently being displayed on the first video monitor.

7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (cancelled)

13. (cancelled)

14. (cancelled)

15. (cancelled)

16. (cancelled)

17. (cancelled)

18. (cancelled)

19. (currently amended) An apparatus comprising:

a first video monitor mounted in the view of a driver of a vehicle;

a second video monitor mounted in the interior of the vehicle;

a vehicle interface for receiving a plurality of control signals from the vehicle;

a plurality of video cameras coupled to the vehicle that each provide a video output;

a plurality of motion sensors mounted around the vehicle that provide input to a vehicle interface; and

a video switching mechanism coupled to the first video monitor, the second video monitor, the vehicle interface, and the plurality of video cameras, the video switching mechanism comprising:

a first monitor source selector that determines which video output of the plurality of video cameras to display on the first video monitor;

a second monitor source selector that determines which video output of the plurality of video cameras to simultaneously display on the second video monitor in a different location from and independent of the video output

displayed on the first video monitor;

a user interface that allows a user to select a default specification that overrides a previous default specification as to which video output to display on one of the monitors;

wherein the first monitor source selector displays on the first video monitor a video output of a video camera disposed to provide a view of the left side of the vehicle in response to a left turn signal on the vehicle being activated on the vehicle interface;

wherein the first monitor source selector displays on the first video monitor a video output of a video camera disposed to provide a view of the right side of the vehicle in response to a right turn signal on the vehicle being activated on the vehicle interface;

wherein the first monitor source selector displays on the first video monitor a video output of a video camera disposed to provide a rear view of the vehicle in response to a signal on the vehicle being activated on the vehicle interface that indicates that the vehicle is in reverse;

wherein the video switching mechanism displays on the first video monitor a graphical view indicator that indicates which video output is currently being displayed on the first video monitor.

20. (cancelled)

21. (cancelled)

22. (cancelled)

23. (cancelled)

24. (cancelled)

25. (cancelled)

26. (cancelled)

27. (cancelled)

28. (cancelled)

29. (cancelled)

30. (cancelled)

31. (cancelled)

32. (cancelled)

33. (cancelled)

34. (new) An apparatus comprising a first video monitor viewable by the driver and a second video monitor viewable by passengers of the vehicle;
a plurality of motion sensors mounted around the vehicle that provide input to a vehicle interface;
a plurality of video cameras that each provide a video output; and
a video switching mechanism coupled to the first video monitor, the second video monitor, the vehicle interface, and the plurality of video cameras, wherein the video switching mechanism provides the first video monitor with a first video output of a video camera disposed to provide a rear view of the vehicle along with superimposed text indicating a rear view in response to a signal on the vehicle being activated on the vehicle interface that indicates that the vehicle is in reverse, and
wherein the video switching mechanism provides the second video monitor with a second video output of the video camera nearest to where the motion was sensed along with superimposed text indicating a motion sensor alarm, for the purpose of providing improved passenger awareness and security to the passengers of the vehicle.

35. (new) An apparatus comprising:

a first video monitor mounted in a location viewable by the driver of a vehicle;

a second video monitor mounted in a location viewable by the passengers;

a vehicle interface for receiving a plurality of control signals from a vehicle;

a plurality of motion sensors mounted around the vehicle that provide input to the vehicle interface;

a plurality of video cameras that each provide a video output signal; and

a video switching mechanism coupled to the first video monitor, the second video monitor, the vehicle interface, and the plurality of video cameras, the video switching mechanism comprising a first monitor source selector that determines which video output of the plurality of video cameras to display on the first video monitor and a second monitor source selector that determines which video output of the plurality of video cameras to display on the second video monitor independent of the video output displayed on the first video monitor; and

wherein the video switching mechanism provides video outputs to the first and second video monitors to simultaneously display different video outputs on each monitor to be viewed in different locations by the driver and passengers.

36. (new) The apparatus of claim 35, wherein the first monitor source

selector displays on the first video monitor a video output of a video camera disposed to provide a rear view of the vehicle in response to a signal on the vehicle being activated on the vehicle interface that indicates that the vehicle is in reverse.

37. (new) The apparatus of claim 36, wherein upon sensing motion around the vehicle the video output of the camera nearest to where the motion was sensed is display on one or more video monitors along with superimposed text for indicating a motion sensor alarm.

38. (new) The apparatus of claim 37, wherein the second monitor displays the motion sensor alarm and video output when the vehicle is off, to provide motion information to the passengers within the vehicle.

39. (new) The apparatus of claim 38, further comprising a remote control user interface which allows the user to select which video output to display on the second monitor for enabling passengers in the vehicle to view areas around the vehicle.
